



PCT10

## RAW SEQUENCE LISTING

DATE: 08/06/2002

PATENT APPLICATION: US/10/030,605A

TIME: 16:28:20

Input Set : A:\1406-37.ST25.txt

Output Set: N:\CRF3\08062002\J030605A.raw

3 <110> APPLICANT: SciI Proteins GmbH  
 4 Fiedler, Ulrike  
 5 Rudolph, Rainer  
 7 <120> TITLE OF INVENTION: DESIGN OF BETA-SHEET PROTEINS WITH SPECIFIC BINDING

## PROPERTIES

9 <130> FILE REFERENCE: P12389 / 1406-37  
 11 <140> CURRENT APPLICATION NUMBER: US 10/030,605A  
 12 <141> CURRENT FILING DATE: 2002-01-09  
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/06698  
 15 <151> PRIOR FILING DATE: 2000-07-13  
 17 <160> NUMBER OF SEQ ID NOS: 25  
 19 <170> SOFTWARE: PatentIn version 3.0  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 45  
 23 <212> TYPE: DNA

C--&gt; 24 &lt;213&gt; ORGANISM: Artificial

26 &lt;220&gt; FEATURE:

27 &lt;223&gt; OTHER INFORMATION: GCLIE1B primer designed according to mutant bovine gamma-II

cryst

28 alline DNA sequence. See Figure 1.

30 &lt;220&gt; FEATURE:

31 &lt;221&gt; NAME/KEY: misc\_feature

32 &lt;222&gt; LOCATION: (1)..(45)

33 &lt;223&gt; OTHER INFORMATION: GCLIE1B primer designed according to mutant bovine gamma-II

cryst

34 alline DNA sequence. See Figure 1.

37 &lt;400&gt; SEQUENCE: 1

38 cgcgcgcgtc tcacaaagat acatgccatg actcgcggcc cagcc

45

41 &lt;210&gt; SEQ ID NO: 2

42 &lt;211&gt; LENGTH: 50

43 &lt;212&gt; TYPE: DNA

C--&gt; 44 &lt;213&gt; ORGANISM: Artificial

46 &lt;220&gt; FEATURE:

47 &lt;223&gt; OTHER INFORMATION: GCLIE10 primer designed according to mutant bovine gamma-II

cryst

48 alline DNA sequence. See Figure 1

50 &lt;220&gt; FEATURE:

51 &lt;221&gt; NAME/KEY: misc\_feature

52 &lt;222&gt; LOCATION: (1)..(50)

53 &lt;223&gt; OTHER INFORMATION: GCLIE10 primer designed according to mutant bovine gamma-II

cryst

54 alline DNA sequence. See Figure 1.

57 &lt;400&gt; SEQUENCE: 2

58 gccgcaggaa gtactggtga ccctggtagt tggggcgctc atacagcatc

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ENTERED

61 <210> SEQ ID NO: 3  
62 <211> LENGTH: 41  
63 <212> TYPE: DNA  
C--> 64 <213> ORGANISM: Artificial

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67 <223> OTHER INFORMATION: GCLIA11B primer designed according to mutant bovine gamma-II
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72 <222> LOCATION: (1)..(41)
73 <223> OTHER INFORMATION: GCLIA11B primer designed according to mutant bovine gamma-II
crys
74     talline DNA sequence. See Figure 1.
77 <400> SEQUENCE: 3
78 ccatcagccc catcagcgaa ctttgccgca ggaagtactg g                               41
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 48
83 <212> TYPE: DNA
C--> 84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: GCFORNOT primer for amplification of bovine gamma-II
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88     DNA in plasmid pGII. See Figures 3 and 4
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(48)
93 <223> OTHER INFORMATION: GCFORNOT primer for amplification of bovine gamma-II
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94     DNA in plasmid pGII. See Figures 3 and 4
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102 <211> LENGTH: 59
103 <212> TYPE: DNA
C--> 104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: GCBACKSfiBst primer for amplification of bovine gamma-II
crystall
108     ine DNA in plasmid pGII. See Figures 3 and 4
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (1)..(59)
113 <223> OTHER INFORMATION: GCBACKSfiBst primer for amplification of bovine gamma-II
crystall
114     ine DNA in plasmid pGII. See Figures 3 and 4
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118 gcggcccagc cggccgctgc tggatgctgt atgagcgccc caactaccag ggtcaccag           59
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 55
123 <212> TYPE: DNA
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128     DNA in plasmid pGII
130 <220> FEATURE:

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131 <221> NAME/KEY: misc\_feature  
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133 <223> OTHER INFORMATION: GCBACKSfi primer for amplification of bovine gamma-II  
crystalline

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138 catgccatga ctcgcggccc agccggccat ggggaagatc actttttacg aggac      55
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142 <211> LENGTH: 26
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147 <223> OTHER INFORMATION: pCAR1LAB primer for DNA sequencing.
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150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: (1)..(26)
152 <223> OTHER INFORMATION: pCAR1LAB primer for DNA sequencing.
155 <400> SEQUENCE: 7
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169 <222> LOCATION: (1)..(21)
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177 <210> SEQ ID NO: 9
178 <211> LENGTH: 176
179 <212> TYPE: DNA
180 <213> ORGANISM: Bos sp.
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185 ttacagttgc aatagecgact gcccacacct gcagccctat ttcagccgct gtaactccat      120
187 caggggtgctg agcggctgct ggatgctgta tgagcgcccc aactaccagg gtcacc      176
190 <210> SEQ ID NO: 10
191 <211> LENGTH: 176
192 <212> TYPE: DNA
193 <213> ORGANISM: Bos sp.
195 <400> SEQUENCE: 10
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198 ctacgagtgc agcagcgact gcccacacct gcagccctat ttcagccgct gtaactccat      120
200 ccgcgtggac agcggctgct ggatgctgta tgagcgcccc aactaccagg gccacc      176
203 <210> SEQ ID NO: 11
204 <211> LENGTH: 55
205 <212> TYPE: DNA
C--> 206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: GCLIE2P primer designed according to mutant bovine gamma-II
cryst

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213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (1)..(55)
215 <223> OTHER INFORMATION: GCLIE2P primer designed according to mutant bovine gamma-II
cryst
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228 <220> FEATURE:
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crysta
230      lline DNA sequence. See Figure 1.
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
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235 <223> OTHER INFORMATION: GCLI3P primer designed according to mutant bovine gamma-II
crysta
236      lline DNA sequence. See Figure 1
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240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (1)..(36)
242 <223> OTHER INFORMATION: n is a, c, g, or t
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246 <221> NAME/KEY: misc_feature
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248 <223> OTHER INFORMATION: k is g or t
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260 <220> FEATURE:
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262      alline DNA sequence. See Figure 1.
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265 <221> NAME/KEY: misc_feature
266 <222> LOCATION: (1)..(24)
267 <223> OTHER INFORMATION: GCLIB4P primer designed according to mutant bovine gamma-II
cryst
268      alline DNA sequence. See Figure 1.
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277 <212> TYPE: DNA
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280 <220> FEATURE:

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281 <223> OTHER INFORMATION: GCLI5P primer designed according to mutant bovine gamma-II
crysta
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285 <221> NAME/KEY: misc_feature
286 <222> LOCATION: (1)..(44)
287 <223> OTHER INFORMATION: GCLI5P primer designed according to mutant bovine gamma-II
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288      lline DNA sequence. See Figure 1.
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293 <222> LOCATION: (1)..(44)
294 <223> OTHER INFORMATION: n is a, c, g, or t
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299 <222> LOCATION: (1)..(44)
300 <223> OTHER INFORMATION: k is g or t
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C--> 310 <213> ORGANISM: Artificial
312 <220> FEATURE:
313 <223> OTHER INFORMATION: GCLI6P primer designed according to mutant bovine gamma-II
crysta
314      lline DNA sequence. See Figure 1.
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317 <221> NAME/KEY: misc_feature
318 <222> LOCATION: (1)..(20)
319 <223> OTHER INFORMATION: GCLI6P primer designed according to mutant bovine gamma-II
crysta
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328 <211> LENGTH: 47
329 <212> TYPE: DNA
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332 <220> FEATURE:
333 <223> OTHER INFORMATION: GCLIB7P primer designed according to mutant bovine gamma-II
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334      alline DNA sequence. See Figure 1.
336 <220> FEATURE:
337 <221> NAME/KEY: misc_feature
338 <222> LOCATION: (1)..(47)
339 <223> OTHER INFORMATION: GCLIB7P primer designed according to mutant bovine gamma-II
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340      alline DNA sequence. See Figure 1.
343 <400> SEQUENCE: 16
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347 <210> SEQ ID NO: 17
348 <211> LENGTH: 45

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349 <212> TYPE: DNA  
C--> 350 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 08/06/2002  
PATENT APPLICATION: US/10/030,605A      TIME: 16:28:21

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 11,12,17,18,23,24

Seq#:14; N Pos. 14,15,20,21,26,27

Seq#:17; N Pos. 13,14,19,20

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,11,12,13,14,15,16,17,18,23,24,25